

Abstract of the Disclosure

CYLINDER BLOCK FOR AN INTERNAL COMBUSTION ENGINE
HAVING A LOCALLY THICKENED END WALL

Increasing the diameter of cylinder bores in a cylinder block requires a longer and heavier cylinder block to accommodate the larger bores. If the cylinder block is not lengthened it is difficult to accommodate the water jacket between the outermost cylinder bore and the cylinder block end wall. The cylinder block of the present invention has an upper part including a number of cylinder bores surrounded by a water jacket. The upper part also has first and second end walls which are generally co-planar with first and second end walls of a lower part of the block, but include projecting portions adjacent the top deck. The projecting portions may curve outwardly from the first and second end walls and generally follow the curvature of the two outermost cylinder bores on the block. By providing the projecting portions on the first and second end walls, a minimum width of water jacket can be accommodated without significantly increasing the length and overall size of the block.